

TAXONOMIC REARRANGEMENTS PROPOSED FOR
A FLORA OF SAN DIEGO COUNTY, CALIFORNIA

R. Mitchel Beauchamp
Pacific Southwest Biological Services, Inc.
Post Office Box 985
National City, California 92050

Compilation of a floral inventory of San Diego County, California has revealed the need for several names which are consistent with the majority of the listing. Fifteen nomenclatural adjustments are proposed below to create a record of valid publication.

APIACEAE

Eryngium aristulatum Jepson ssp. *parishii* (Coulter & Rose) Beauchamp, stat. nov.

Basionym: *Eryngium parishii* Coulter & Rose, Contr. U.S. Natl. Herb. 7:57. 1900.

Type: Oceanside, San Diego County, California, S.B. Parish 4436, 1897 (US).

Synonyms: *Eryngium Jepsonii* Coulter & Rose var. *Parishii* (Coulter & Rose) Jepson, Madrono 1:107. 1923; *Eryngium aristulatum* Jepson var. *Parishii* (Coulter & Rose) Mathias & L. Constance, Amer. Midl. Naturalist 25:386. 1941.

ASTERACEAE

Isocoma acradenia Greene ssp. *eremophila* (Greene) Beauchamp, comb. nov.

Basionym: *Isocoma eremophila* Greene, Leafl. Bot. Observ. Crit. 1:171. 1906.

Type: Southwestern part of the Colorado Desert, California, Orcutt, Nov. 1, 1890 (US).

Synonyms: *Haplopappus acradenius* (Greene) Blake ssp. *eremophilus* (Greene) Hall, Publ. Carnegie Inst. Wash. 389:233. 1928; *Aplopappus a.* var. *e.* (Greene) Munz, Manual of Southern California Bot. 523. 1935.

Isocoma veneta (H.B.K.) Greene var. *furfuracea* (Greene) Beauchamp, comb. nov.

Basionym: *Biglovia furfuracea* Greene, Bull. Calif. Acad. Sci. 1:87. 1885.

Type: Collection without a cited location (UC)

Synonym: *Isocoma decumbens* Greene, ex C.F. Baker, West Amer. Plants 2:12. 1903, or Leafl. Bot. Observ. Crit. 1:172. 1906; *Haplopappus venetus* ssp. *furfuraceus* (Greene) Hall, Publ. Carnegie Inst. Wash. 389:226. 1928. *Aplopappus v.* var. *f.* (Greene) Munz, Manual of Southern California Bot. 523. 1935.

ASTERACEAE (continued)

Isocoma veneta var. *oxyphylla* (Greene) Beauchamp, comb. nov.

Basionym: *Isocoma oxyphylla* Greene, Leaflet Bot. Observ. Crit. 1:171. 1906.

Type: Jamul Valley back of San Diego, Palmer 134, 1875 (US).

Synonym: *Haplopappus venetus* ssp. *oxyphyllus* (Greene) Hall, Publ. Carnegie Inst. Wash. 389:225. 1928;
Aplopappus venetus var. *oxyphyllus* (Greene) Munz, Manual of Southern California Bot. 523. 1935.

CAMPANULACEAE

Downingia concolor Greene ssp. *brevior* (McVaugh) Beauchamp, stat. nov.

Basionym: *Downingia concolor* Greene var. *brevior* McVaugh, Mem. Torrey Bot. Club 19(4):20. 1941.

Type: Cuyamaca Lake, San Diego County, California, L. Abrams 3851 (NY).

CELASTRACEAE

Euonymus occidentalis Nuttall ex Torrey ssp. *parishii* (Trelease) Beauchamp, stat. nov.

Basionym: *Euonymus parishii* Trelease, Trans. Acad. Sci. St. Louis 5:354. 1889.

Type: San Jacinto Mountains, Riverside County, S.B. & W.F. Parish 957.

Synonym: *Euonymus occidentalis* Nuttall ex Torrey var. *parishii* (Trelease) Jepson, A Manual of the Flowering Plants of California 610. 1925.

CUPRESSACEAE

Cupressus arizonica Greene ssp. *stephensonii* (C.B. Wolf) Beauchamp, stat. nov.

Basionym: *Cupressus stephensonii* C.B. Wolf, Madrono 1(1):125, 1948.

Type: Upper limits of King Creek, a tributary of the South Fork of the San Diego River, Cuyamaca Mountains, San Diego County, at about 4000 ft. elevation, C.B. Wolf 9467 (RSA).

Synonyms: *Cupressus arizonica* Greene var. *stephensonii* (C.B. Wolf) Little, Madrono 18(6):164. 1966

FABACEAE (Papilionoideae)

Lupinus densiflorus Benth. ssp. *lacteus* (Kellogg) Beauchamp, stat. nov.

Basionym: *Lupinus lacteus* Kellogg, Proc. Calif. Acad. Sci. 5:37. 1873.

Type: "On Oak Creek hillsides, Kern County, 14 miles from Tejon Pass, Mr. S. Brennan, Jr. (Specimen presumably lost in the fire in 1906).

Synonyms: *Lupinus densiflorus* Benth. var. *lacteus* (Kellogg) C. P. Smith, Bull. Torrey Bot. Club 45:181. 1918. *Lupinus arenicola* Heller, Muhlenbergia 2:75. 1905, Type: "Near the first crossing of the creek west of Caliente, Kern County, Heller 7609, April 7, 1905.

Lupinus excubitus M. E. Jones ssp. *medius* (Jepson) Beauchamp, stat. nov.

Basionym: *Lupinus albifrons* Benth. ex Lindley var. *medius* Jepson, A Flora of California 2:252. 1936.

Type: Mountain Springs Grade summit, San Diego County, California, Jepson 11815 (JEPS).

Synonyms: *Lupinus excubitus* M. E. Jones var. *medius* (Jepson) Munz, Aliso 4(1):92. 1958; *Lupinus grayi* S. Watson var. *medius* (Jepson) C. P. Smith, Species Lupinorum 28. 1938.

Lupinus excubitus M. E. Jones ssp. *austromontanus* (Heller) Beauchamp, stat. nov.

Basionym: *Lupinus austromontanus* Heller, Muhlenbergia 2:69. 1905.

Type: Tehachapi, Kern County, California, Heller 7825.

Synonyms: *Lupinus excubitus* M. E. Jones var. *austromontanus* (Heller) C. P. Smith in Jepson, A Manual of the Flowering Plants of California 532. 1925; *Lupinus albifrons* Benth. ex Lindley var. *austromontanus* (Heller) Jepson, A Flora of California 2:252. 1936.

Thermopsis macrophylla Hooker & Arnott ssp. *semota* (Jepson) Beauchamp, stat. nov.

Basionym: *Thermopsis macrophylla* Hooker & Arnott var. *semota* Jepson, A Flora of California 2:245. 1936.

Type: Spencer Valley, San Diego County, California, R. D. Alderson (JEPS).

HYDROPHYLLACEAE

Phacelia douglasii (Bentham) Torrey ssp. *cryptantha* (Brand) Beauchamp, stat. nov.

Basionym: *Phacelia Douglasii* (Bentham) Torrey var. *cryptantha* Brand in Engler, *Pflanzenreich* 4(251):114. 1913.

Type: San Diego, San Diego County, California, M.E. Jones 3085 (POM).

Synonyms: *Phacelia palmeri* Vasey & Rose, *Proc. U.S. Natl. Mus.* 11:532. 1888, non *Phacelia palmeri* S. Watson, 1871.; *Phacelia stellaris* Brand in Engler, *Pflanzenreich* 4(251):123. 1913. Proposed as a new name for *Phacelia palmeri* Vasey & Rose.

LIMNANTHACEAE

Limnanthes gracilis Howell ssp. *parishii* (Jepson) Beauchamp, stat. nov.

Basionym: *Limnanthes versicolor* (Greene) Rydberg var. *Parishii* Jepson, *A Flora of California* 2:412. 1936.

Type: Stonewall Mine, Cuyamaca Mountains, San Diego County, California, S. B. Parish 4416 (JEPS).

Synonym: *Limnanthes gracilis* Howell var. *parishii* (Jepson) C.T. Mason, *Univ. Calif. Publ. Bot.* 25:490. 1952.

RHAMNACEAE

Ceanothus greggii A. Gray ssp. *perplexans* (Trelease) Beauchamp, stat. nov.

Basionym: *Ceanothus perplexans* Trelease in A. Gray, *Synoptical Flora of North America* 1(1):417. 1897.

Type: Southwestern California.

Synonym: *Ceanothus Greggii* A. Gray var. *perplexans* (Trelease) Jepson, *A Manual of the Flowering Plants of California* 623. 1925.

ROSACEAE

Rubus glaucifolius Kellogg ssp. *ganderi* (Bailey) Beauchamp, stat. nov.

Basionym: *Rubus ganderi* Bailey, *Gentes Herb.* 5:893. 1945.

Type: North Peak, Cuyamaca Mountains, San Diego County, California, Frank F. Gander A208 (POM).

Synonym: *Rubus glaucifolius* Kellogg var. *ganderi* (Bailey) Munz, *Aliso* 4(1):92. 1958.